

FORM PTO-1390
(Rev 5-93)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

PATKRI P03AUS

TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371

U.S. APPLICATION NO. (If known, see 37 C.F.R.1.5)

10/069141

INTERNATIONAL APPLICATION NO.

PCT/DE00/03016

INTERNATIONAL FILING DATE

September 1, 2000

PRIORITY DATE CLAIMED

September 22, 1999

TITLE OF INVENTION

METHOD FOR ELECTROCHEMICALLY DETECTING SEQUENCE-SPECIFIC NUCLEIC ACID-OLIGOMER
HYBRIDISATION EVENTS

APPLICANT(S) FOR DO/EO/US

Gerhard HARTWICH

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.
 2. ☐ This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.
 3. ☒ This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
 4. ☒ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
 5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☒ has been transmitted by the International Bureau. (PCT/IB/308 mailed 29 March 2001).
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US)
 6. ☒ A translation of the International Application into English (35 U.S.C. 371(c)(2)) is attached.
 7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☐ have been transmitted by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☒ have not been made and will not be made.
 8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
 9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
 10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).
- Items 11. to 16. below concern other document(s) or information included:
11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98 with PTO FORM 1449.
 12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
 13. ☒ A FIRST preliminary amendment w/Marked-Up Version of Amended Specification.
 - ☐ A SECOND or SUBSEQUENT preliminary amendment.
 14. ☐ A substitute specification.
 15. ☐ A change of power of attorney and/or address letter.
 16. ☒ Other items or information:

<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Preliminary Examination Report <input checked="" type="checkbox"/> Annexes to Pre. Ex. Rep. <input checked="" type="checkbox"/> International Search Report <input type="checkbox"/> German Novelty Search Report <input checked="" type="checkbox"/> 13 copies of citations <input checked="" type="checkbox"/> Form PCT/IB/308 <input checked="" type="checkbox"/> International Publ. No. WO 01/21635 A2 (Face page only) 	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Copy of Request <input checked="" type="checkbox"/> Submission of Formal Drawings <input checked="" type="checkbox"/> 6 sheets of formal drawings <input checked="" type="checkbox"/> Abstract <input checked="" type="checkbox"/> German Language Specification
--	--

CERTIFICATION UNDER 37 CFR 1.10

I hereby certify that this Transmittal Letter and the papers indicated as being transmitted therewith is being deposited with the United States Postal Service on this date February 15, 2002 in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number EL 918839979 US addressed to the: Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Michael J. Bujold

(typed or printed name of person mailing paper)

(signature of person mailing paper)

17. The following fees are submitted:				CALCULATIONS		PTO USE ONLY	
Basic National Fee (37 CFR 1.492(a)(1)-(5)): Search Report has been prepared by the EPO or JPO \$890.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) \$710.00 No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)). \$740.00 Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$1040.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4) \$100.00 ENTER APPROPRIATE BASIC FEE AMOUNT =				890			
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				0			
Claims	Number Filed	Number Extra	Rate				
Total Claims	29 -20 =	9	x \$18.00	162			
Independent Claims	3 - 3 =	0	x \$84.00	0			
Multiple dependent claim(s) (if applicable)			+ \$280.00	0			
TOTAL OF ABOVE CALCULATIONS =				1052			
Reduction by 1/2 for filing by small entity, if applicable. Applicant claims Small Entity Status. (Note 37 CFR 1.9, 1.27, 1.28).				526			
SUBTOTAL =				526			
Processing fee of \$130.00 for furnishing the English translation later the <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				0			
TOTAL NATIONAL FEE =				0			
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				40			
TOTAL FEES ENCLOSED =				566			
				Amount to be:			
				refunded		\$	
				charged		\$	

- a. A check in the amount of \$ 566.00 to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. 04-0213 in the amount of \$ to cover the above fees.
A duplicate copy of this sheet is enclosed.
- c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 04-0213. A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

Michael J. Bujold
 Michael J. Bujold -- Registration No. 32,018
 Davis & Bujold, P.L.L.C.
 Fourth Floor
 500 North Commercial Street
 Manchester, NH 03101-1151
 Telephone (603) 624-9220
 Telefax (603) 624-9229

PATENT & TRADEMARK OFFICE



020210

02/15/02

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : Gerhard HARTWICH
Serial no. :
For : METHOD FOR ELECTROCHEMICALLY
DETECTING SEQUENCE-SPECIFIC NUCLEIC
ACID-OLIGOMER HYBRIDISATION EVENTS
Docket : PATKRI P03AUS

BOX PCT

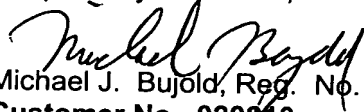
The Commissioner of Patents and Trademarks
Washington, D.C. 20231

SUBMISSION OF FORMAL DRAWINGS

Enclosed please find six (6) sheets of formal drawings which are to be entered in this case.

In the event that there are any fee deficiencies or additional fees are payable, please charge the same or credit any overpayment to our Deposit Account (Account No. 04-0213).

Respectfully submitted,



Michael J. Bujold, Reg. No. 32,018

Customer No. 020210

Davis & Bujold, P.L.L.C.

Fourth Floor

500 North Commercial Street

Manchester NH 03101-1151

Telephone 603-624-9220

Facsimile 603-624-9229

E-mail: patent@davisandbujold.com

PATENT APPLICATION SERIAL NO. _____

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
FEE RECORD SHEET

02/28/2002 UEDUVIJE 00000068 10069141

01 FC:971
02 FC:967

445.00 OP
81.00 OP